



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,941	09/29/2003	Lin-Wei Chang	0698-0162P	8296

2292 7590 06/14/2005

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER

CHANG, YEAN HSI

ART UNIT PAPER NUMBER

2835

DATE MAILED: 06/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/671,941

Applicant(s)

CHANG, LIN-WEI

Examiner

Yean-Hsi Chang

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: The numerical character "11" has been used to designate both "a drawer body" and "vibration absorption members", and the "vibration absorption members" has been designated by both numerical characters "11" and "13".

Appropriate correction is required.

Claim Objections

2. Claims 7-9 are objected to because of the following informalities: The "the resilient members" cited in claims 7-9 lacks antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

Art Unit: 2835

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 4-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Montoya et al. (US 6,421,236 B1).

Montoya teaches a drawer (fig. 1) comprising: a drawer body (101) having at least one accommodating space (shown in fig. 1) for receiving the digital data storage device, wherein a plurality of resilient elements (151 and 152, or portions of 150) and a plurality of first openings (shown in fig. 1, not labeled) are formed on each of two sides (103 and 104) of the drawer body, and two vibration absorption members (13) detachably mounted on the two sides of the drawer body respectively, each of the vibration absorption members having a plurality of second openings (155 and 156) and a plurality of fastening elements (120 and 121) respectively corresponding to the resilient elements and the first openings on the corresponding side of the drawer body, wherein the fastening elements of the vibration absorption members are engaged with the first openings of the drawer body so as to allow the vibration absorption members to provide the drawer body with a cushioning effect and vibration absorption (see col. 2, lines 35-38), and the resilient members of the drawer body are engaged with the second openings of the vibration absorption members to absorb tolerance in assemblage and provide an electrical grounding effect (see col.2, line 60 through col. 3, line 5) (claim 1); an actuator (110) pivotally mounted in the drawer body wherein the actuator comprises a latching element (112), a snapping element (116) detachably coupled to the latching element, and a rotatable handle (110), and wherein the latching element is capable of

Art Unit: 2835

being pushed to decouple the latching element from the snapping element, so as to allow the handle to rotate between a first position (shown in fig. 1) close to a front end (109) of the drawer body and a second position (not shown, see col. 2, lines 23-26) far away from the front end of the drawer body (claims 4-5); wherein the vibration absorption member is a plastic rail (see col. 9, lines 39-40) to provide the cushioning effect (claim 6); wherein the resilient member is made of stainless steel (see col. 3, lines 20-21) (claim 7); wherein the resilient members substantially protrude from the second openings (parts of the vibration absorption members) and snap to abut against the vibration absorption members (see col.2, line 60 through col. 3, line 5) (claims 8-9); and wherein exterior surfaces of the vibration absorption members and the resilient members are substantially flush with each other (shown in fig. 2) (claim 10).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Montoya et al. in view of Tanzer et al. (US 6,661,651 B1).

Montoya discloses the claimed invention except a light pipe mounted in the drawer body.

Tanzer teaches a drawer (100, fig. 1) for a data storage device, comprising a light pipe a light pipe (480) mounted in a drawer body (102) of the drawer extending from a front end of the drawer body to a rear end of the drawer body (shown in fig. 4).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Montoya with the light pipe taught by Tanzer such that the status information may be provided to the user for viewing.

Correspondence


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (571) 272-2038. The examiner can normally be reached on 07:30 - 16:00, Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the Art Unit phone number is (571) 272-2800, ext. 35. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 2835

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

Yean-Hsi Chang
Primary Examiner
Art Unit: 2835
June 12, 2005



YEAN-HSI CHANG
PRIMARY EXAMINER